

21. (Amended) A conjugate according to claim 20 wherein the molecule which induces blood coagulation and blood vessel occlusion is a photoactive molecule.

22. (Amended) A conjugate according to claim 21 wherein the photoactive molecule is a photosensitizer.

23. (Amended) A conjugate according to claim 22 wherein the photosensitizer absorbs at a wavelength above 600 nm.

24. (Amended) A conjugate according to claim 22 wherein the photosensitizer is a derivative of tin (IV) chloride.

Please add new claims 28-39 as indicated below.

-- 28. A conjugate according to claim 20, wherein said affinity is in the subnanomolar range.

29. A conjugate according to claim 28 wherein the molecule which induces blood coagulation and blood vessel occlusion is a photoactive molecule.

30. A conjugate according to claim 29 wherein the photoactive molecule is a photosensitizer.

31. A conjugate according to claim 30 wherein the photosensitizer absorbs at a wavelength above 600 nm.

32. A conjugate according to claim 30 wherein the photosensitizer is a derivative of tin (IV) chloride.

33. A conjugate according to claim 20, wherein the antibody is an scFv antibody.

34. A conjugate according to claim 33, wherein the antibody is a recombinant antibody.

35. A conjugate according to claim 33, wherein the antibody comprises a limited number of mutations in its CDR residues.

36. A conjugate according to claim 35, wherein the mutated residues are residues 31-33, 50, 52 and/or 54 of its VH domain and/or residues 32 and/or 50 of its VL domain.

37. A conjugate according to claim 28, wherein the antibody binds to the ED-B domain of fibronectin with a K_d of about 54 pM.

38. A conjugate according to claim 28 with the following amino acid sequence

VH (SEQ ID NO: 19)

EVQLLES GGG LVQPGGSLRL SCAASGFTFS
SFSMSWVRQA PGKGLEWVSS ISGSSGTTY
ADSVKGRFTI SRDNSKNTLY LQMNSLRAED
TAVYYCAKPF PYFDYWGQGT LVTVSS

linker (SEQ ID NO: 20)

GDGSSGGSGGASTG

VL (SEQ ID NO: 21)

EIVLTQSPGT LSLSPGERAT LSCRASQSVS
SSYLAWYQQK PGQAPRLLIY YASSRATGIP
DRFSGSGSGT DFTLTISRLE PEDFAVYYCQ
QTGRIPPTFG QGTKVEIK

39. A conjugate according to claim 20, wherein said affinity is about 0.05 nM. --
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